



Patent Attorney Docket No. 040071-24603-217

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Johan NILSSON et al.

Application No.: 09/997,344

Filing Date: November 28, 2001

Title: Method and Apparatus for Estimation of Phase Offset Between Communication Channels

Group Art Unit: 2661

Examiner: Unassigned

Confirmation No.: 6069

FOURTH  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

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MAR 24 2003

Technology Center 2600

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is a **FOURTH** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.

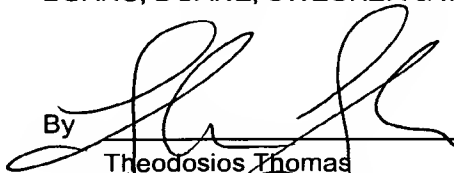
The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404

Date: March 21, 2003

By   
Theodosios Thomas  
Registration No. 45,159



Patent  
Attorney's Docket No. 040071-246

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Johan NILSSON et al. ) Group Art Unit: 2661  
Application No.: 09/997,344 ) Examiner: Unassigned  
Filed: November 28, 2001 ) Confirmation No.: 6069  
For: Method and Apparatus for Estimation of )  
Phase Offset Between Communication )  
Channels )

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**FOURTH INFORMATION DISCLOSURE STATEMENT** Technology Center 2600

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

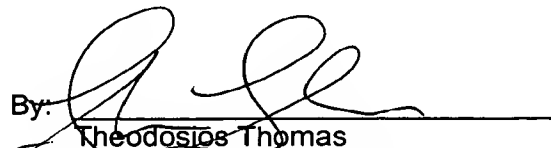
Enclosed is a copy of an International Search Report prepared in the corresponding International application. The documents cited in the report were included in the Information Disclosure Statement filed July 23, 2002, and are therefore not enclosed.

The document is being submitted within three months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore under 37 C.F.R. § 1.97(b), no fee or statement is required.

It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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